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February 7, 2007

CJC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. : 10/663,260 : Confirmation No. 1455  
Applicant : Korchagin et al.  
Filed : September 16, 2003  
TC/A.U. : 3652  
Our Docket No. : 20020330.CII  
Customer No. : 23595

**REQUEST FOR A CERTIFICATE OF CORRECTION  
UNDER PATENT AND TRADEMARK OFFICE RULE 322**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with provisions of 37 C.F.R. 1.322, the above-identified applicant respectfully request that a CERTIFICATE OF CORRECTION be issued by the United States Patent and Trademark Office in the above-identified patent according to the attached CERTIFICATE OF CORRECTION.

Specifically, please amend the following from the column 8, line 66:

2. An elevator system attached to the outside of a building as in claim 1 wherein, the elevator ~~portion~~ portion has a passenger compartment having a control panel.

The Amendment as filed on August 17, 2006 is enclosed to show that the records of the United States Patent and Trademark Office had at the time of issuance the proper spelling.

Since the error for which a CERTIFICATE OF CORRECTION is sought were a result of a Patent and Trademark Office mistake, no fee is believed due (35 U.S.C. § 254).

Yours very truly,

NIKOLAI & MERSEREAU, P.A.

*Steven E. Kahm*

Steven E. Kahm

**Certificate**

FEB 13 2007

**of Correction**

SEK/acn  
Enc.

FEB 15 2007

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,165,650 B2  
APPLICATION NO.: 10/663,260  
ISSUE DATE : January 23, 2007  
INVENTOR(S) : Pavel V. Korchagin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, line 66, please delete "nortion" and insert --portion-- .

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

NIKOLAI & MERSEREAU, P.A.  
900 Second Avenue South, Suite 820  
Minneapolis, MN 55402

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**FEB 15 2007**



Our Docket No. 20020330.ORI

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re App : Korchagin et al.  
S.N. : 10/663,260 Art Unit 3634  
Filed : 09/16/2003 Examiner Chin Shue  
For : High-Rise, Fire-Fighting, Rescue and Construction Equipment

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**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment is submitted in response to the Office Action dated 7/14/2006.

Please amend the application as shown on the following pages.

Respectfully submitted,

NIKOLAI & MERSEREAU, P.A.

Steven E. Kahm  
Attorney for Applicant  
Registration No. 30860  
900 Second Avenue South  
Suite 820  
Minneapolis, MN 55402  
Phone: 612-339-7461

August 18, 2006

**FEB 15 2007**

1. (Currently Amended) An elevator system attached to the outside of a building comprising,

an elevator portion having a rail engaging portion for moving the elevator portion vertically on a rail attached to a structure,

a crane portion attached to the elevator portion, the crane portion having a rotating mechanism and a pivoting mechanism for supporting one end of a telescopic arm, the telescopic ~~arms~~ arm having a platform at the other end for reaching any position on or above a building.

2. (Previously Presented) An elevator system attached to the outside of a building as in claim 1 wherein,

the telescopic arm has two parts interconnected with a pivoting mechanism attached at its end to a cramp by a vertical rotating mechanism.

3. (Previously Presented) An elevator system attached to the outside of a building as in claim 2 wherein,

the cramp has an outside platform with a barrier.

4. (Previously Presented) An elevator system attached to the outside of a building as in claim 3 wherein,

a cabin hung from the outside platform by a rotating connection.

5. (Currently Amended) ~~An elevator system attached to the outside of a building as in claim 1 wherein,~~

An elevator system attached to the outside of a building comprising,

an elevator portion having a rail engaging portion for moving the elevator portion vertically on a rail attached to a structure,

a crane portion attached to the elevator portion, the crane portion having a rotating mechanism and a pivoting mechanism for supporting one end of a telescopic arm, the telescopic arm having a platform at the other end for reaching any position on or above a

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building,

the elevator portion is provided with a passenger compartment, an autonomous rescue elevator on the rail, an aperture in the floor of the elevator portion and an aperture in the ceiling of the autonomous rescue elevator for alignment with the aperture in the elevator portion to transfer passengers therebetween.

6. (Currently Amended) An elevator system attached to the outside of a building as in claim 5 wherein,

elastic elements are provided on lower contact surfaces of the elevator portion and ~~on~~ the autonomous rescue elevator has supporting elements for connecting the elevator portion and the autonomous rescue elevator ~~two elevators~~.

7. (Previously Presented) An elevator system attached to the outside of a building as in claim 5 wherein,

the elevator portion and the autonomous rescue elevator have a compartment for keeping anti-fire foam, liquids, hoses and other auxiliary equipment for constant additional fuelling and liquids supply.

8. (Currently Amended) An elevator system attached to the outside of a building as in claim 1 wherein,

the elevator portion has a ~~the~~ passenger compartment ~~has~~ having a control panel.

9. (Previously Presented) An elevator system attached to the outside of a building as in claim 1 wherein,

a working surface of a rail has a guiding slot.

10. (new) An elevator system attached to the outside of a building as in claim 5 wherein,

the telescopic arm has two parts interconnected with a pivoting mechanism attached at its end to a cramp by a vertical rotating mechanism.

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11. (new) An elevator system attached to the outside of a building as in claim 10 wherein, the cramp has an outside platform with a barrier.
12. (new) An elevator system attached to the outside of a building as in claim 11 wherein, a cabin hung from the outside platform by a rotating connection.
13. (new) An elevator system attached to the outside of a building as in claim 5 wherein, the elevator portion has a ~~the~~ passenger compartment ~~has~~ having a control panel.
14. (new) An elevator system attached to the outside of a building as in claim 5 wherein, a working surface of a rail has a guiding slot.

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## REMARKS

The examiner rejected claims 2-4 under 112 stating the specification as originally filed does not provide an adequate description of what is the claimed cramp.

The word “cramp” is being used as in the dictionary definition, “an adjustable frame to hold pieces”, or “to steer or make turn”.

The word “cramp” appears in the originally filed application on page 2 , line 16, Page 2 line 38, page 4 lines 15 and 16, and on page 5 line 12. The cramp is labeled by reference number 23 and is shown in Figures 1, 2 and 7 in conjunction with the specification. In the publication the word Cramp appears in Paragraphs 0006, 0012, 0031 and 0036.

It is therefore believed that the word cramp is adequately described in the specification and shown in the drawings enough to support the claims.

The examiner objected to claims 2-4 for failing to further limit the claims in a dependent claim.

Claim 2 is dependent on claim 1 and further limits the preciously claimed element of the telescopic arm as having “two parts interconnected with a pivoting mechanism attached at its end to a cramp by a vertical rotating mechanism” thus further limiting the telescopic arm structure.

It appears to be in proper dependent form.

Claim 3 is dependent on claim 2 and further limits the cramp, a previously claimed element in claim 2, as having an outside platform with a barrier.

Claim 4 is dependent on claim 3 and further limits the outside platform, a previously claimed element in claim 3, as having a cabin hung the outside platform by a rotating connection.

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Therefore claims 2-4 have further limitations and are in proper dependent form.

The examiner objected to claim 6 as not having an antecedent basis for “the two elevators”.

The two elevators are called out in the claims as the elevator portion and the autonomous rescue elevator. In order to avoid confusion the claims have been amended to replace “the two elevators” with “the elevator portion and the autonomous rescue elevator”.

The examiner objected to claim 8 as not having an antecedent basis for the “passenger compartment” having the control panel.

Claim 8 has been amended to provide a proper antecedent basis.

The examiner rejected claims 1, 2, 3, 4, 8 and 9 as being obvious over Cox in view of Boeker.

The prior art cited does not have the elements of the claim as “the crane portion having a rotating mechanism and a pivoting mechanism for supporting one end of a telescopic arm, the telescopic arm having a platform at the other end for reaching any position on or above a building” is missing from the prior art cited. Therefore the combination of Cox and Boeker does not yield the claimed invention.

Neither Cox or Boeker have a telescopic arm supporting a platform. Further the telescopic arm would need a rotating mechanism and a pivoting mechanism to meet the elements of claim 1. The arm 88 supporting the platform in Cox is not a telescopic arm therefore its length is fixed whereas the claim has a telescopic arm which is extendable.

Claim 2 further limits claim 1 by having a cramp with a rotating and pivoting mechanism to hold and move the platform which neither Cox or Boeker have. Therefore claim 2 is not obvious in view of the combination of Cox in view of Boeker.

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Claim 3 further limits claim 2 by having an outside platform with a barrier on the cramp which, neither Cox or Boeker have. Therefore claim 3 is not obvious in view of the combination of Cox in view of Boeker.

Claim 4 further limits claim 3 by having a cabin hung from the outside platform by a rotating connection, which neither Cox or Boeker have. Therefore claim 4 is not obvious in view of the combination of Cox in view of Boeker.

Claim 8 further limits claim 1 by having a control panel in the elevator, which neither Cox or Boeker have. Therefore claim 8 is not obvious in view of the combination of Cox in view of Boeker.

Claim 9 further limits claim 1 by having a working surface of a rail has a guiding slot, which neither Cox or Boeker have. Therefore claim 9 is not obvious in view of the combination of Cox in view of Boeker.

The examiner rejected claims 1, 2, 3, 4, 8 and 9 as being obvious over Boeker in view of Cox.

The prior art cited does not have the elements of the claim as “the crane portion having a rotating mechanism and a pivoting mechanism for supporting one end of a telescopic arm, the telescopic arm having a platform at the other end for reaching any position on or above a building” is missing from the prior art cited. Therefore the combination of Boeker and Cox does not yield the claimed invention.

Neither Boeker or Cox have a telescopic arm supporting a platform. Further the telescopic arm would need a rotating mechanism and a pivoting mechanism to meet the elements of claim 1. The arm 88 supporting the platform in Cox is not a telescopic arm therefore its length is fixed whereas the claim has a telescopic arm which is extendable.

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Claim 2 further limits claim 1 by having a cramp with a rotating and pivoting mechanism to hold and move the platform which neither Boeker or Cox have. Therefore claim 2 is not obvious in view of the combination of Boeker in view of Cox.

Claim 3 further limits claim 2 by having an outside platform with a barrier on the cramp which, neither Boeker or Cox have. Therefore claim 3 is not obvious in view of the combination of Boeker in view of Cox.

Claim 4 further limits claim 3 by having a cabin hung from the outside platform by a rotating connection, which neither Boeker or Cox have. Therefore claim 4 is not obvious in view of the combination of Boeker in view of Cox.

Claim 8 further limits claim 1 by having a control panel in the elevator, which neither Boeker or Cox have. Therefore claim 8 is not obvious in view of the combination of Boeker in view of Cox.

Claim 9 further limits claim 1 by having a working surface of a rail has a guiding slot, which neither Boeker or Cox have. Therefore claim 9 is not obvious in view of the combination of Boeker in view of Cox.

The examiner stated that claims 5-7 were objected to as being based on rejected base claims but would be allowable if rewritten in independent form.

Claim 5 has been rewritten in independent form including the limitations of base claim 1. Claims 6 and 7 are dependent claims based on claim 5.

New claims have been added to depend on the allowable claims 5-7.

All claims are now believed to be in condition for allowance.

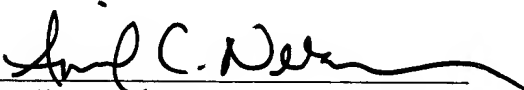
**FEB 15 2007**



## CERTIFICATE OF MAILING

I hereby certify that the foregoing Request for a Certificate of Correction, Certificate of Correction, Amendment as filed on August 17, 2006 (8 pp.) and return receipt postcard, in Patent 7,165,650 B2, issued on January 23, 2007, of Korchagin et al., entitled "HIGH-RISE FIRE-FIGHTING RESCUE AND CONSTRUCTION EQUIPMENT" is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, postage prepaid, on February 7, 2007.

Date of Signature: February 7, 2007.

  
April C. Nelson  
On Behalf of Steven E. Kahm  
Attorney for Applicant(s)

**FEB 15 2007**